Class -: BCA (Hons)-1 sem(2022)

Subject -: Computer organization

**Assignments Questions**

1. What is number system? Explain its types?
2. Convert the following **Decimal to binary number**
3. 255
4. 30
5. 89
6. 345
7. 678
8. Convert the following **Binary to Decimal number**
9. 001100
10. 000011
11. 111101
12. 100000000
13. 11111101
14. Convert the following **Decimal to octal number**
15. **21**
16. **234**
17. **765**
18. **678**
19. **234**
20. Convert the following **Octal to Decimal number**
21. **116**
22. **142**
23. **710**
24. **27**
25. **70**
26. Convert the following **Decimal to Hexadecimal number**
27. 123
28. 125
29. 100
30. 456
31. 689
32. Convert the following **Hexadecimal to decimal number**
33. 2BA
34. 38E
35. 16D
36. 7D
37. 7B
38. Convert the following **binary to octal and hexadecimal number**
39. **1011001**
40. **1011010**
41. **0100**
42. **11011**
43. **110010**
44. **1000010**
45. **1111111**
46. **1000001**
47. **11111101**
48. **101000010**
49. **Binary Addition**  
      
    1. 10101100+10101010

2. 1011100111+1100101

3. 11111000+1111111

4. 010101010+10111

5. 011101010+111000

1. **Binary Subtraction**
2. 10101010101-1010101
3. 11110011100-110011
4. 10111000111-111100
5. 11101101-10101
6. 101010111-011001
7. **Binary multiplication-:**
8. **10101011\*101**
9. **10101110\*11**
10. **01111011\*110**
11. **10101\*1010**
12. **10001110\*1110**
13. **Binary Division**
14. 1011101/101
15. 101010111/10
16. 1001111/110
17. 100111/11
18. 10101011/10